

## **ABSTRACT**

The present invention involves the use of quantitative RT-PCR to identify AC133 as a marker. AC133 is prevalent on endothelial progenitor cells (EPCs), which are important cells in angiogenesis. Therefore, the invention is applied to ascertain the quantity of EPCs in a subject, and to diagnose and monitor angiogenesis, for example, in injured tissues and in cancer development and progression.